



NOTES:

1. HIGH QUALITY FULLY ANNEALED SEAMLESS TYPE 316, AUSTENITIC STAINLESS STEEL HYDRAULIC TUBING ASTM A212, A269 OR EQUIVALENT. HARDNESS Rc 80 OR LESS. TUBING TO BE FREE OF SCRATCHES. O.D. TOLERANCE NOT TO EXCEED -.003
2. USE PROPER TUBE BENDER TO BEND THE TUBE KEEP THE TUBE ENDS STRAIGHT AND PROPER ROUNDNESS WITHOUT SCREATCHES.
3. BOTH I.D. AND O.D. OF TUBE SHOULD BE DEBURRED AFTER CUTTING
4. ALL DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER W4600001-00		
TOLERANCES		THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY		
DECIMALS	ANGULAR	TITLE ADVANCED PHOTON SOURCE		
.X - .1 [2.5]	- 0°30'	DRAWN BY MUSCIA	DATE 11/26/97	CHIEF DESIGN ENGINEER D. Shu
.XX - .01 [0.25]		CHECKED BY D. SHU	DATE 12/5/97	GP LEADER T.M. Kuzay
.XXX - .005 [0.13]		DESIGNER SHU/MUSCIA	DATE 11/26/97	PROJECT MGR. D. Shu
SURFACE ROUGHNESS 125		RESPONSIBLE ENGINEER D. SHU	DATE 12/5/97	APPROVED/RELEASED D. Shu
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		MATERIAL SST 316 .375 O.D. X .035 WALL X 8.91 LG.		
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1		SCALE 1:1		
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		SIZE B		
DO NOT SCALE DRAWING		DRAWING NUMBER W4-600001-00		